



April 8, 2016

ENGINEERING FIELD HANDBOOK (NEH Part 650)

210 – ENG

Notice IL88

SUBJECT: ENG – National Engineering Handbook (NEH), Part 645, Engineering Technical Materials

Purpose. To distribute revised IL-ENG standard drawings and decommission drawings that are no longer supported.

Effective Date: Upon receipt.

Explanation of Changes. This notice distributes eight revised standard drawings, one new standard drawing, and decommissions five standard drawings. Details of the revisions can be found in the attached “New and Revised Drawings” listing.

The main changes with this release are to ensure that anti-vortex baffles for riser-style pipe structures are properly sized and positioned relative to the embankment, and to remove styles of baffle that have been shown through research to be ineffective. In addition, the IL-ENG-177 riser/baffle/trash rack drawing (formerly 4 pages) has been split into two drawings to facilitate flexibility of use.

The new and revised drawings are posted in the Shared Documents section of the Illinois SharePoint site, and will be available for 30 days.

[https://ems-team.usda.gov/sites/NRCS\\_Illinois/Shared%20Documents/Forms/AllItems.aspx](https://ems-team.usda.gov/sites/NRCS_Illinois/Shared%20Documents/Forms/AllItems.aspx)

The Illinois NRCS engineering website will be revised to reflect the updated drawings:

[http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2\\_030571](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2_030571).

Filing Instructions (Optional) Holders of hardcopy Illinois Engineering Drawing binders should:

1. Replace Numerical Index dated 2/2016 with the new Numerical Index (attached) dated 4/2016.
2. Replace Category Index dated 2/2016 with the new Category Index (attached) dated 4/2016.
3. Print copies of the revised drawings on 11” x 17” paper.
4. Follow instructions on attached distribution listing of new drawings, filing in the IL-ENG Drawing binder.

Any questions regarding this submittal should be directed to the Area Engineer.

RUTH BOOK

State Conservation Engineer

Attachments

Dist: All Illinois NRCS and SWCD Employees

**Natural Resources Conservation Service**

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